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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/806,488

03/23/2004

Shaun Cutts

Archivas - 0001

2789

50086

7590

11/28/2006

LAW OFFICE OF DAVID H. JUDSON  
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EXAMINER

BAKER, STEPHEN M

ART UNIT

PAPER NUMBER

2133

DATE MAILED: 11/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/806,488

Applicant(s)

CUTTS ET AL.

Examiner

Stephen M. Baker

Art Unit

2133

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 July 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 2, 6, 7, 9, 10, 12, 13, 15 and 17-20 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 1, 3-5, 8, 11, 14 and 16 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>071504</u> .  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### *Drawings*

1. Formal drawings are required in response to this Office action.

### *Specification*

2. The disclosure is objected to because of the following informalities:

On page 4: in line 27, " $f(g_1(A_1), \dots g_n(A_n))$ " apparently should be " $f(g_{11}(A_1), \dots g_{in}(A_n))$ " in view of " $g_{ij}$ " elsewhere in the disclosure, e.g. on page 9, line 27.

On page 5: in line 3, "8are" apparently should be "are".

On page 5: in line 8, " $f(g_1(A_1), \dots g_n(A_n))$ " apparently should be " $f(g_{11}(A_1), \dots g_{in}(A_n))$ ".

On page 9: in line 27, " $f(g_1(A_1), \dots g_n(A_n))$ " apparently should be " $f(g_{11}(A_1), \dots g_{in}(A_n))$ ".

On page 15: in line 10, " $f(g_1(A_1), \dots g_n(A_n))$ " apparently should be " $f(g_{11}(A_1), \dots g_{in}(A_n))$ ".

Appropriate correction is required.

### *Claim Objections*

3. Claims 1, 3-5, 8, 11, 14 and 16 are objected to because of the following informalities:

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Regarding claim 1: in line 2, after "N data blocks", " $A_1, \dots, A$ " apparently should be inserted; in line 5, " $f(g_{i1}(A_1), \dots g_{in}(A_n))$ " apparently should be " $f(g_{i1}(A_1), \dots g_{in}(A_n))$ "; in line 6, "g is a permutation operator" apparently should be "each g is a permutation operator".

Regarding claim 3: in line 1, "code words" apparently should be "code blocks" for consistency with claim 1.

Regarding claim 4: in line 1, "code words" apparently should be "code blocks".

Regarding claim 5: in line 1, "code words" apparently should be "code blocks".

Regarding claim 8: in line 1, after "N data blocks", " $A_1, \dots, A$ " apparently should be inserted; in line 7, "g is a permutation operator" apparently should be "each g is a permutation operator".

Regarding claim 11: in line 2, after "N data blocks", " $A_1, \dots, A$ " apparently should be inserted; in line 6, " $f(g_{i1}(A_1), \dots g_{in}(A_n))$ " apparently should be " $f(g_{i1}(A_1), \dots g_{in}(A_n))$ "; in line 6, "g is a permutation operator" apparently should be "each g is a permutation operator".

Regarding claim 14, in line 1, after "claim", "12" apparently should be inserted.

Regarding claim 16: in line 5, after "blocks", " $A_1, \dots, A$ " apparently should be inserted; in line 13, " $f(g_{i1}(A_1), \dots g_{in}(A_n))$ " apparently should be " $f(g_{i1}(A_1), \dots g_{in}(A_n))$ "; in line 13, "g is a permutation operator" apparently should be "each g is a permutation operator".

Appropriate correction is required.

**Conclusion**

4. This application is in condition for allowance except for the following formal matters:

Reference is hereby made to the formal drawing requirement and the objections regarding the specification and claims, given above.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen M. Baker whose telephone number is (571) 272-3814. The examiner can normally be reached on Monday-Friday (11:00 AM - 7:30 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert DeCady can be reached on (571) 272-3819. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Stephen M. Baker  
Primary Examiner  
Art Unit 2133



smb